

DUKSAN <http://www.duksan.kr>
PURE CHEMICALS

Solutions for Volumetric analysis

Volumetric solutions

Buffer solutions

Indicator & indicator solutions

Solutions for Anhydrous titration

Solutions for Volumetric analysis

NIST SRM-traceable

DUKSAN offers about 100 different volumetric solutions with long-term Factor stability & 0.5% Factor tolerance (± 0.005 to 1.000 factor) in most solutions. To help your accurate experiments, Manufacturing date & Exired date (3 years after production) is written on the Certificates of analysis.



REAGENTS
DUKSAN

Volumetric solutions

Product	N	M	Package
Bromine	N/10	0.05M	500 mL
EDTA-2Na	M/5		500 mL
	M/10		500 mL, 1 L
	M/20		500 mL
	M/40		500 mL, 1 L
	M/50		500 mL, 1 L
	M/100		500 mL, 1 L
Hydrochloric acid	6N	6M	500 mL, 1 L
	5N	5M	500 mL, 1 L
	3N	3M	500 mL, 1 L
	2N	2M	500 mL, 1 L, 20 L
	1N	1M	500 mL, 1 L
	N/2	0.5M	500 mL, 1 L
	N/5	0.2M	500 mL, 1 L
	N/10	0.1M	500 mL, 1 L
	N/20	0.05M	500 mL, 1 L
	N/50	0.02M	500 mL, 1 L
	N/100	0.01M	500 mL, 1 L
Hydrochloric acid (Ethanol solution)	N/10	0.1M	500 mL
Hydrochloric acid (2-Propanol solution)	N/10	0.1M	500 mL
Iodine	1N	0.5M	500 mL, 1 L
	N/10	0.05M	500 mL, 1 L
Nitric acid	1N	1M	500 mL, 1 L
	N/10	0.1M	500 mL, 1 L
Oxalic acid	1N	0.5M	500 mL, 1 L
	N/10	0.05M	500 mL, 1 L
Perchloric acid (Acetic acid solution)	N/10	0.1M	500 mL, 1 L
Potassium Bromate	N/10	M/60	500 mL
Potassium Chloride	3.3M		500 mL, 1 L
	N/10	0.1M	500 mL, 1 L
Potassium Dichromate	1N	M/6	500 mL, 1 L
	N/10	M/60	500 mL
Potassium Hydroxide	1N	1M	500 mL, 1 L
	N/2	0.5M	500 mL, 1 L
Potassium Hydroxide (Ethanol solution)	N/10	0.1M	500 mL, 1 L
	N/2	0.5M	500 mL, 1 L
Potassium Hydroxide (Methanol solution)	N/10	0.1M	500 mL, 1 L
Potassium Iodate	N/10	M/60	500 mL, 1 L
Potassium Iodide	N/10	0.1M	500 mL, 1 L
	1N	0.2M	500 mL, 1 L
	N/2	0.1M	500 mL, 1 L
	N/5	0.04M	500 mL
Potassium Permanganate	N/10	0.02M	500 mL, 1 L

Product	N	M	Package
Potassium Permanganate	N/40	0.005M	500 mL, 1 L
	N/100	0.002M	1 L
Silver Nitrate	1N	1M	500 mL
	N/10	0.1M	500 mL, 1 L
	N/10	0.1M	2.5 L, 4 L
	N/20	0.05M	500 mL, 1 L
	N/100	0.01M	500 mL, 1 L
Sodium Carbonate	1N	0.5M	500 mL
	N/10	0.05M	500 mL, 1 L
Sodium Chloride	1N	1M	500 mL
	N/10	0.1M	500 mL, 1 L
	N/100	0.01M	500 mL
Sodium Hydroxide	5N	5M	500 mL, 1 L
	2N	2M	500 mL, 1 L
	1N	1M	500 mL, 1 L
	N/2	0.5M	500 mL, 1 L
	N/4	0.25M	500 mL, 1 L
	N/5	0.2M	500 mL, 1 L
	N/10	0.1M	500 mL, 1 L
	N/20	0.05M	500 mL, 1 L
	N/40	0.025M	500 mL, 1 L
	N/50	0.02M	500 mL, 1 L
	N/100	0.01M	1 L
Sodium Nitrate	5N		1 L
Sodium Oxalate	N/10	0.05M	500 mL, 1 L
	N/40	0.0125M	500 mL, 1 L
Sodium Thiocyanate	N/10	0.1M	500 mL
Sodium Thiosulfate	1N	1M	500 mL, 1 L
	N/2	0.5M	500 mL, 1 L
	N/10	0.1M	500 mL, 1 L
	N/20	0.05M	500 mL, 1 L
	N/40	0.025M	500 mL, 1 L
	N/100	0.01M	500 mL, 1 L
Sulfuric Acid	5N	2.5M	1 L
	2N	1M	500 mL, 1 L
	1N	0.5M	500 mL, 1 L
	N/2	0.25M	500 mL, 1 L
	N/5	0.1M	500 mL, 1 L
	N/10	0.05M	500 mL, 1 L
	N/20	0.025M	500 mL, 1 L
	N/40	0.0125M	500 mL
	N/50	0.01M	500 mL, 1 L
	N/100	0.005M	500 mL
Zinc Acetate	N/50	0.01M	500 mL
Zinc Sulfate	N/10	0.05M	500 mL

Indicator solutions

Product	Package
Alizarin Red S solution	500 ml
Alizarin Yellow GG solution	500 ml
Benedict's solution	500 ml
Bromocresol green solution	500 ml
Bromocresol green-Methyl red solution	500 ml
Bromocresol purple solution	500 ml
Bromophenol blue solution	500 ml
Bromothymol blue solution	500 ml
Congo Red solution	500 ml
m-Cresol Purple solution	500 ml
2,4-Dinitrophenol solution	500 ml
Diphenylamine solution	500 ml
Eriochrome Black T solution	500 ml
Fehling Solution A	500ml, 1 l
Fehling Solution B	500ml, 1 l
Ferroun solution	500 ml
Fuchsin Basic solution	500 ml
Indigo Carmine 0.1% solution	500 ml

Product	Package
Methyl Orange solution	500ml
Methyl Orange xylene cyanol solution	500 ml
Methyl Orange 2B solution	500 ml
Methyl Red solution	500 ml
Methyl Violet 2B solution	500 ml
Methyl Yellow solution	500 ml
Nessler's soltion	500 ml
Phenolphthalein solution 0.1%	500 ml
Phenolphthalein solution 1%	500 ml
Pheno Red solution 0.1%	500 ml
Rosolic Acid solution	500 ml
Sudan III solution	500 ml
Thymol Blue solution 0.1%	500 ml
Thymolphthalein solution 0.1%	500 ml
o-Tolidine solution	500 ml
Uranine solution	500 ml
Wijs' solution	500 ml, 2.5 l

Indicator

Product	Package
Alizarin Yellow GG	25gr
Brilliant Green	25gr
Bromocresol Green	25gr
Bromocresol Purple	25gr
Bromophenol Blue	25gr
Bromothymol Blue	25gr
m-Cresol purple	25gr
Eosin Y	25gr
Eriochrome Black T	25gr
Fuchsin Basic	25gr
Gentian Violet	25gr
Malachite Green Oxalate	25gr
Methylene Blue trihydrate	25gr, 500gr, 1kg

Product	Package
Methyl Orange	25gr
Methyl Red	25gr
Phenolphthalein	25gr
Phenol Red	25gr
Phosphorous Red	500gr
Riboflavin	25gr
Safranin O	25gr
Sudan-III	25gr
Thymol	25gr
Thymol Blue	25gr
Tropaeolin O	25gr
Vanilin	25gr
Xylene cyanol FF	25gr

Solutions for Anhydrous titration

Product	Package
Acetic acid, glacial	1kg
Crystal Violet-Autic acid Solution	500 ml
Sodium Methoxide 28% in Methaol	1 l

Buffer solutions

A buffer solution of DUKSAN is an aqueous solution consisting of a mixture of a weak acid and its conjugate base, or vice versa. Its pH changes very little when a small or moderate amount of strong acid or base is added to it and thus it is used to prevent changes in the pH of a solution. Buffer solutions are used as a means of keeping pH at a nearly constant value in a wide variety of chemical applications.

Product	Package
Buffer Standard solution 1.00	500 mL, 1 L
Buffer Standard solution 2.00	500 mL, 1 L
Buffer Standard solution 3.00	500 mL, 1 L
Buffer Standard solution 4.00	500 mL, 1 L
Buffer Standard solution 4.01	500 mL, 1 L
Buffer Standard solution 4.60	1 L
Buffer Standard solution 5.00	1 L
Buffer Standard solution 6.00	500 mL, 1 L
Buffer Standard solution 6.86	500 mL, 1 L
Buffer Standard solution 7.00	500 mL, 1 L
Buffer Standard solution 9.00	500 mL, 1 L
Buffer Standard solution 9.18	500 mL, 1 L
Buffer Standard solution 10.00	500 mL, 1 L
Buffer Standard solution 11.00	500 mL, 1 L
Buffer Standard solution 12.00	500 mL, 1 L
Buffer Standard solution 13.00	500 mL, 1 L



- NIST SRM-traceable
- A precision of ± 0.02 , at a temperature of 20°C





Solutions for Volumetric analysis

Volumetric solutions
Buffer solutions
Indicator & indicator solutions
Solutions for Anhydrous titration

REAGENTS
DUKSAN DUKSAN
PURE CHEMICALS

HEAD OFFICE

53, Sinwon-ro 133beongil, Danwon-gu, Ansan-si, Gyeonggi-do, Korea
TEL : +82-31-495-4055 FAX : +82-31-495-4058

URL Address <http://www.duksan.kr>
E-mail Address Webmaster@duksan.kr